

# Giant Spider Crab by Marc Kirschenbaum(NY)

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Use a large ten-backed square

Use a large ten-backed square. 20" paper will make an 8" crab



1. Begin with a squared  
bird base. Precrease  
along the angle  
bisectors



2. Precrease again



3. Valley through the  
intersection of creases



4. Valley on where  
indicated



5. Open up



6. Double over along the  
existing creases



7. Spread squish the  
front corners



8. Fold up. Repeat steps  
7 & 8 behind



9. Bring upwards



10. Valley down



11. Valley up



12. Open out.  
Repeat 9-12 in  
reverse stage  
and then  
behind



13 Rabbit ear



14 Sarcel fold



15 Swing over



16 Sarcel again



17 Swing up



18 Rabbit ear where indicated



19 Swing down



20 Rabbit ear along the existing creases



21 Swing up



22 Rabbit ear where indicated.



23. Swing over  
Repeat steps 13-23 behind



24 Swing flap up  
Repeat behind



25 Valley down



26 Valley up



27 Open up  
Repeat steps  
25-27 as many  
times as you like  
and then  
fold



28 Squash  
symmetrically



29 Squash again



30 Pull out the  
hidden layer



31 Squash flat



32 Valley over



33 Precise along  
angle bisectors



34 Valley through  
the extensions of  
crease



35 Turn the excess  
of the flap  
behind Valley  
fold along the  
crease



36 Turn the top  
layer as  
indicated



37 "Tuck" the flap  
as indicated



38 Lightly fold the  
top layer strips  
along the  
center crease to  
form a  
square.



39 Unfold the  
indicated area  
You will have to  
open the model  
a lot to  
accomplish  
this



40 Bring flap back  
up Reverse  
fold the bottom  
two flaps



41 Open up the bottom two flaps at 90 degrees



42 Swing down Repeat steps 28-41 behind



43 Unstick again. Undo the kinks on the claw



44 Fold the leg assembly in half. Open out the claw Repeat steps 47-51 on the left



45 View from 41 Reverse fold in and out as indicated working from the inside towards the outside



46 Repeat step the leg layer Fold the tip of the claw to the intersection of holes



47 Squash the indicated flap Gump the claw along the existing creases



48 Sink to shape the body Valley the tips of the claws



49 Swing down the top flap



50 Then the flap as indicated



51 Unstick the indicated region. In doing so you are reversing the direction of the folds noted for the previous model set. Valley the top of the claw up



52 Sink the left side of the flap to the 8. Trim the other side by reverse folding in and then out Open out the claw



53 Fold claws in half Turn model over



64 Turn the flap as indicated.  
Reverse fold the claws



65 Seeing the body flap closed.  
Fold the edges of the  
claws arms inward. The  
tail starts where the claws  
begin.



66 Thin the bottom. Unfold  
the sides of the claws  
arms.



67 Closed give the claws  
arms. Turn the legs and  
the eyes stretch heavily



68 Stretch the claws  
outwards. Turn down



69 Stretch the claws outwards  
again. Swing the legs  
down.



70 Shape the shell, also the  
arms of the claws where  
indicated



71 Push and out the eyes  
upwards. Shape the claws  
with a series of retic  
spots. Shape the legs



72 Completed "Giant Spider  
Crab." The crab evolved  
from an idea that Jerry  
Humphreys. When he told  
me that he was able to  
create a crab using Robert  
Lang's "Mines" as a  
starting point, I decided to  
try this great idea out for  
myself.